

08-22-01

PATENT

UTILITY PATENT APPLICATION TRANSMITTAL

(only for new non-provisional applications under 37 CFR §1.53(b))

Commissioner for Patents
 Box Patent Application
 Washington, D.C. 20231
 Sir:

Transmitted herewith for filing is the patent application
 under 37 CFR 1.53(b) of:

AVENTIS DOCKET NO.: **HMR2053 US CIP**
 INVENTORS: **Yong Guo/Clarence C. Morse/
 Zhengbin Yao/ George Keesler**
 TITLE: **MEMBRANE PENETRATING PEPTIDES
 AND USES THEREOF**

I hereby certify that this correspondence is being
 deposited with the United States Postal Service as
 Express Mail in an envelope addressed to
 Commissioner for Patents, Washington, D.C. 20231,
 on

8-21-01
 Date of Deposit
 Geneva Walker
 Signature

EL685154531US
 Express Mail No.

APPLICATION ELEMENTS

1. ☐ *Fee Transmittal Form (e.g., PTO/SB/17)
 (Submit an original and a duplicate for fee processing)

2. ☒ Specification
 (preferred arrangement set forth below)
 - Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to Microfiche Appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure

Total Pages

3. ☒ Drawing(s) (35 U.S.C. 113) (Informal)

Total Sheets

4. Oath or Declaration

Total Pages

- a. ☒ Newly unexecuted (original or copy)

- b. ☐ Copy from a prior application (37 CFR § 1.63(d))
 (for continuation/divisional with Box 16 completed)

- i. ☐ **DELETION OF INVENTOR(S)**

Signed statement attached deleting inventor(s) named in the prior
 application, see 37 CFR §§ 1.63(d)(2) and 1.33(b).

5. ☐ Microfiche Computer Program (Appendix)

6. Nucleotide and/or Amino Acid Sequence Submission
 (if applicable, all necessary)

- a. ☐ Computer Readable Copy
 b. ☐ Paper Copy (identical to computer copy)
 c. ☐ Statement verifying identity of above copies

08/21/01



11000 U.S. PTO
 09/933780



☒ If a **CONTINUING Application**, check appropriate box, and supply the requisite information:

☐ Continuation ☐ Divisional ☒ Continuation-in-part

of prior application no.; filed,

Examiner _____, Group/Art Unit _____.

(The cross reference has been/will be inserted on page one of the specification).

☒ This application claims the benefit of U.S. Provisional Application No. 60/227,647,
filed August 25, 2000 and GB Application 0103110.3 Filed February 7, 2001. (The cross
reference has been/will be inserted on page one of the specification).

☐ **Incorporation By Reference** (useable if filing a continuation/divisional and a copy of the declaration from the prior
application is enclosed.)

The entire disclosure of the prior application, from which a copy of the oath or declaration is
supplied, is considered as being part of the disclosure of the accompanying application and is
hereby incorporated by reference therein.

ACCOMPANYING APPLICATION PARTS

7. ☐ Assignment Papers (cover sheet & document(s))
8. ☐ 37 CFR §3.73(b) Statement ☐ Power of
(when there is an assignee) Attorney
9. ☐ English Translation Document (if applicable)
10. ☐ Information Disclosure ☐ Copies of IDS
Statement (IDS)/PTO-1449 Citations
11. ☐ Preliminary Amendment
12. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
13. ☐ *Small Entity Statement(s) ☐ Statement filed in prior application,
(PTO/SB/09-12) Status still proper and desired
14. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
15. ☒ Other: Print EFS

CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label

005487

(Insert Customer No. or Attach bar code label here)

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Aventis Docket No. HMR2053US CIP

FEE TRANSMITTAL

for FY 2001

Patent fees are subject to annual revision.
Express Mail No.: EL685154531US

TOTAL AMOUNT OF PAYMENT (\$808.00)

Complete if Known

Application Number NOT YET ASSIGNED
Filing Date FILED HEREWITH
First Named Inventor YONG GUO ET AL
Examiner Name
Group / Art Unit NOT YET ASSIGNED
Attorney Docket No. HMR 2053US CIP

METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 18-1982

Deposit Account Name AVENTIS PHARMACEUTICALS INC.

☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
☐ Applicant claims small entity status. See 37 CFR 1.27

☒ Payment Enclosed:
☐ Check ☐ Credit Card ☐ Money Order ☐ Other

FEE CALCULATION

BASIC FILING FEE

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description | Fee Paid |
|----------------|-----------------|----------------|-----------------|------------------------|----------|
| 101 | 710 | 201 | 355 | Utility filing fee | 710 |
| 106 | 320 | 206 | 160 | Design filing fee | |
| 107 | 490 | 207 | 245 | Plant filing fee | |
| 108 | 710 | 208 | 355 | Reissue filing fee | |
| 114 | 150 | 214 | 75 | Provisional filing fee | |

SUBTOTAL (1) (\$710)

EXTRA CLAIM FEES

| Total Claims | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------|----------|
| 21 | -20** | 1 | 18 |
| Independent | 5 | -3** | 1 |
| Claims | | | |
| Multiple Dependent | | | 0 |

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description |
|----------------|-----------------|----------------|-----------------|---|
| 103 | 18 | 203 | 9 | Claims in excess of 20 |
| 102 | 80 | 202 | 40 | Independent claims in excess of 3 |
| 104 | 270 | 204 | 135 | Multiple dependent claim, if not paid |
| 109 | 80 | 209 | 40 | **Reissue independent claims over original patent |
| 110 | 18 | 210 | 9 | **Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$808.00)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

| Fee Code | Large Entity Fee (\$) | Small Entity Fee (\$) | Fee Description | Fee Paid |
|----------|-----------------------|-----------------------|-----------------|--|
| 105 | 130 | 205 | 65 | Surcharge - late filing fee or oath |
| 127 | 50 | 227 | 25 | Surcharge - late provisional filing fee or cover sheet |
| 139 | 130 | 139 | 130 | Non-English Specification |
| 147 | 2,520 | 147 | 2,520 | For filing a request for reexamination |
| 112 | 920* | 112 | 920* | Requesting publication of SIR prior to Examiner action |
| 113 | 1,840* | 113 | 1,840* | Requesting publication of SIR after Examiner action |
| 115 | 110 | 215 | 55 | Extension for reply within first month |
| 116 | 390 | 216 | 195 | Extension for reply within second month |
| 117 | 890 | 217 | 445 | Extension for reply within third month |
| 118 | 1,390 | 218 | 695 | Extension for reply within fourth month |
| 128 | 1,890 | 228 | 945 | Extension for reply within fifth month |
| 119 | 310 | 219 | 155 | Notice of Appeal |
| 120 | 310 | 220 | 155 | Filing a brief in support of an appeal |
| 121 | 270 | 221 | 135 | Request for oral hearing |
| 138 | 1,510 | 138 | 1,510 | Petition to institute a public use proceeding |
| 140 | 110 | 240 | 55 | Petition to revive - unavoidable |
| 141 | 1,240 | 241 | 620 | Petition to revive - unintentional |
| 142 | 1,240 | 242 | 620 | Utility issue fee (or reissue) |
| 143 | 440 | 243 | 220 | Design issue fee |
| 144 | 600 | 244 | 300 | Plant issue fee |
| 122 | 130 | 122 | 130 | Petitions to the Commissioner |
| 123 | 50 | 123 | 50 | Petitions related to provisional applications |
| 126 | 180 | 126 | 180 | Submission of Information Disclosure Stmt. |
| 581 | 40 | 581 | 40 | Recording each patent assignment per property (times number of properties) |
| 146 | 710 | 246 | 355 | Filing a submission after final rejection (37 CFR § 1.129(a)) |
| 149 | 710 | 249 | 355 | For each additional invention to be examined (37 CFR § 1.129(b)) |
| 179 | 710 | 279 | 355 | Request for Continued Examination (RCE) |
| 189 | 900 | 169 | 900 | Request for expedited examination of a design application |

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

SUBMITTED BY

Name (Print/Type) T. Helen Payne

Signature Helen Payne

Registration No. (Attorney/Agent)

36,889

Telephone

(908) 231-5789

Date

August 21, 2001

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement. This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231
DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.